

## Contents

<b>1 Routine/Function Prologues</b>	<b>2</b>
1.0.1 clm2_totinit.F90 (Source File: clm2_totinit.F90) . . . . .	2

## 1 Routine/Function Prologues

### 1.0.1 clm2\_totinit.F90 (Source File: clm2\_totinit.F90)

Initialize CLM output arrays

#### REVISION HISTORY:

14 Jun 2002 Sujay Kumar Initial Specification

#### INTERFACE:

```
subroutine clm2_totinit()
```

#### USES:

```
use clm_varder
use tile_spmdMod
```

#### CONTENTS:

```
do t = 1, di_array(iam)
  clm(t)%totfsa=0.          ! solar absorbed solar radiation [W/m2]
  clm(t)%toteflx_lwrad_net=0. ! net longwave radiation [W/m2]
  clm(t)%toteflx_lh_tot=0.   ! total latent heat flux [W/m2]
  clm(t)%toteflx_sh_tot=0.   ! total sensible heat flux [W/m2]
  clm(t)%toteflx_soil_grnd=0. ! ground heat flux [W/m2]
  clm(t)%totqflux_snomelt=0. ! snowmelt heat flux [W/m2]
  clm(t)%totrain=0.          ! accumulation of rain [mm]
  clm(t)%totsnow=0.          ! accumulation of snow [mm]
  clm(t)%totqflux_evap=0.    ! total evaporation [mm]
  clm(t)%totqflux_surf=0.    ! surface runoff [mm]
  clm(t)%totqflux_drain=0.   ! subsurface runoff [mm]
  clm(t)%totqflux_ecanop=0.  ! interception evaporation [W/m2]
  clm(t)%totqflux_tran_veg=0.
  clm(t)%totqflux_evap_grnd=0.
  clm(t)%totqflux_sub_snow=0.
  clm(t)%count=0
enddo
soilmtc = 0.0
do m=1,nlevsoi
  do t=1,di_array(iam)
    soilm(t,m)=clm(t)%h2osoi_liq(m)+clm(t)%h2osoi_ice(m)
  enddo
enddo
do m=1,nlevsoi
  do t=1,di_array(iam)
    soilmtc(t)=soilmtc(t)+soilm(t,m)
  enddo
enddo
do t=1,di_array(iam)
```

```
    clm(t)%soilmtc_prev = soilmtc(t)
    clm(t)%h2osno_prev = clm(t)%h2osno
enddo
```